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INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/01191

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H03F1/32 H03F3/45

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 528 517 A (SCHLOTZHAUER KENNETH G) 9 July 1985 (1985-07-09) column 1, line 26 -column 3, line 15; figure 1	1,2,4-6, 8
P,A	US 2002/057132 A1 (TOMITA KAZUHIRO) 16 May 2002 (2002-05-16) page 3, paragraph 47 -page 4, paragraph 54; figures 6,7	1
A	& PATENT ABSTRACTS OF JAPAN vol. 2002, no. 04, 4 August 2002 (2002-08-04) & JP 2001 358546 A (FUJITSU LTD;FUJITSU VLSI LTD), 26 December 2001 (2001-12-26) abstract	1

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

25 July 2003

Date of mailing of the international search report

01/08/2003

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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			JP 1697551 C 28-09-1992
			JP 3062323 B 25-09-1991
			JP 59148416 A 25-08-1984
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